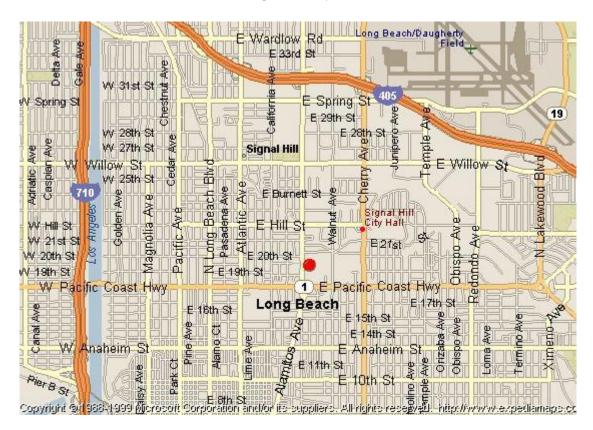
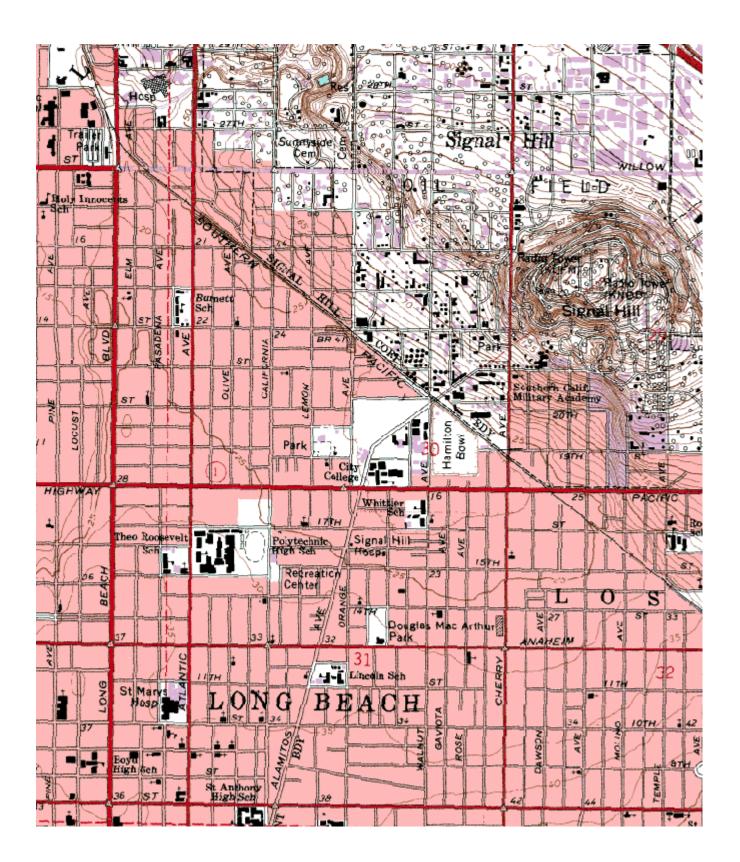
Quality Assurance Site Survey Report for South Long Beach

Last updated: May, 2017



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060374004	70110	06/2003	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1305 E. Pacific Coast Hwy Long Beach, CA 90806	Los Angeles	South Coast	33° 47' 32"N	118° 10' 31"W	6



Detailed Site Information

Local site name		South Long Beach				
AQS ID		060374004				
GPS coordinates (decimal degrees)		Latitude:	33° 47' 32" Longitude:	118° 10' 31"		
Street Address		1305 E Pacific Coast Hwy, Long Beach, CA 90806				
County		Los Angeles				
Distance to roadways (meters)		86				
Traffic count (AADT, year)		10,000 / 2	2012			
Groundcover		Asphalt				
(e.g. asphalt, dirt, sand)						
Representative statistical area name		31080-Los Angeles-Long Beach-Anaheim MSA				
(i.e. MSA, CBSA, other						
Pollutant, POC	PM10, 2		Lead, 2	Continuous PM2.5, 3	24 Hour PM2.5, 1	
Primary / QA	Primary		N/A	Other	Primary	
Collocated / Other	1 11111111 y				,	
Parameter code	See Table 26	<u>, </u>	14129	88502	See Table 26	
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS	
objective(s)						
Site type(s)	Highest		Highest	Highest	Highest	
	Concentration	n	Concentration	Concentration	Concentration	
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A		N/A	N/A	N/A	
Instrument	Sierra Andersen 1200		Tisch TE 300-310	Met One BAM 1020	Andersen RAAS	
manufacturer and	SSI		TSP		PM2.5	
model						
Method code	063, 102		110	170	780, 120	
FRM/FEM/ARM/	FRM		FRM	FEM	FRM	
other						
Collecting Agency	SCAQMD		SCAQMD	SCAQMD	SCAQMD	
Analytical Lab	SCAQMD		SCAQMD	SCAQMD	SCAQMD	
(i.e.weigh lab, toxics						
lab, other)						
Reporting Agency	SCAQMD		SCAQMD	SCAQMD	SCAQMD	
Spatial scale (e.g.	Neighborhood		Neighborhood	Neighborhood	Neighborhood	
micro, neighborhood)						
Monitoring start date	06/20/2003		06/20/2003	06/20/2003	06/20/2003	
(MM/DD/YYYY)						
Current sampling	1:6		1:6	1:1	1:1	
frequency (e.g.1:3,						
continuous)				1		
Calculated sampling	1:6		1:6	N/A	1:3	
frequency						
(e.g. 1:3/1:1)	01/01 10/21		01/01 10/01	01/01 10/01	01/01 10/01	
Sampling season	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)	120		2.0	2.0	2.0	
Probe height (meters)	3.0		3.0	3.0	3.0	
	Distance from 2.0		2.0	2.0	2.0	
supporting structure						
(meters) Distance from	NT/A		NI/A	NI/A	NT/A	
obstructions on roof	N/A		N/A	N/A	N/A	
(meters)						
(meters)	I		l .			

Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)	NY/A	27/4	27/4	NY/A
Distance from trees	N/A	N/A	N/A	N/A
(meters) Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue	IV/A	IV/A	IV/A	IV/A
(meters)				
Distance between	N/A	N/A	1.5 (Flow <200 lpm)	1.5 (Flow <200 lpm)
collocated monitors			, , , , , , , , , , , , , , , , , , , ,	
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)	37/4	37/4	37/1	27/4
Probe material for	N/A	N/A	N/A	N/A
reactive gases (e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A	N/A	N/A	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)	NT/A	NT/A	NY 1 1 1	X7
Is it suitable for comparison against	N/A	N/A	No, unless the manual	Yes
the annual PM2.5?			sampler has missing data.	
(Y/N)			data.	
Frequency of flow	Monthly	Monthly	N/A	Monthly
rate verification for				
manual PM samplers				
Frequency of flow	N/A	N/A	Monthly	N/A
rate verification for				
automated PM analyzers				
Frequency of one-	N/A	N/A	N/A	N/A
point QC check for	10/11	11/11	11/11	14/11
gaseous instruments				
Last Annual	N/A	N/A	N/A	N/A
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY) Last two semi-annual	05/19/2016,	05/19/2016,	06/21/2016,	05/19/2016,
flow rate audits for	11/19/2016	11/19/2016	12/15/2016	11/19/2016,
PM monitors	11/17/2010	11/17/2010	12/13/2010	11/17/2010
(MM/DD/YYYY,				
MM/DD/YYYY)				

South Long Beach Site Photos



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

South Long Beach Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.